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GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20090001
Agency Interest No. 1304

Rivers Patout
Operations Manager
Sterling Sugars, Inc.
611 Irish Bend Road
Franklin, LA 70538

RE: Part 70 Operating Permit
Sterling Sugars Inc
Franklin, St. Mary Parish, Louisiana

Dear Mr. Patout:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 31st of July, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 2660-00001-V3

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:dcd
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Sterling Sugars Inc
Agency Interest No.: 1304
Sterling Sugars Inc
Franklin, St. Mary Parish, Louisiana**

I. Background

Sterling Sugars, Inc. owns and operates the Sterling Factory located in St. Mary Parish near Franklin, Louisiana. The facility began operations in 1807 and currently operates under Part 70 Permit No. 2660-00001-V2, which was issued on July 31, 2006.

This is the Part 70 operating permit modification for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Sterling Sugars, Inc. on February 2, 2009 requesting a Part 70 operating permit modification. Additional information was also received on February 20, 2009, April 22, 2009, and August 14, 2009.

III. Description

Sterling Sugars, Inc. operates a raw sugar mill near Franklin that began in 1807. Sterling Factory is a raw sugar mill that crushes sugar cane and produces raw sugar and final molasses. The plant is covered by Standard Industrial Classification (SIC) 2061. Sugar cane is crushed in the mill to extract its juice. Juice is then clarified and evaporated to thick syrup, which is further concentrated to cause crystallization. Raw sugar crystals are separated from the mother liquor in centrifuges; the liquor is returned to process for additional concentration and extraction of raw sugar. After recovering as much sugar as possible from the mother liquor, the resulting final molasses is stored for sale to buyers. Fibrous residue from the cane crushing process is called bagasse and is used to fuel steam generators specifically designed to burn this material. The steam generated is used to drive prime movers and to provide process heat for juice concentration and sugar crystallization.

Sterling Factory currently operates under Permit No. 2660-00001-V2. Permit No. 2660-00001-V1 was issued on September 17, 2004 after the addition of Boiler No. 7 (150,000 lb steam/hr). Boilers No. 1 and 2 were installed in 1961 and are rated for 100,000 lb steam/hr each. Boiler No. 3 was installed in 1977 and is rated at 100,000 lb steam/hr. Boilers No. 4 and 5 were reconstructed in 1996 and are each rated for 45,352 lb steam/hr. Boiler No. 6 was retrofitted in 1998 and is rated at 100,000 lb steam/hr. The exhaust from each boiler goes through a multi-cyclone fly ash collector and wet scrubber for pollution control. All boilers will normally be fired with bagasse exclusively, but Boilers 1, 2, and 6 (only) are fitted with gas burners for auxiliary fuel firing.

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Sterling Sugars Inc
Agency Interest No.: 1304
Sterling Sugars Inc
Franklin, St. Mary Parish, Louisiana

This permit modification is intended to correct rated capacities for Boilers 1, 2, 3, and 6 (and associated emissions calculations) and to remove natural gas emissions from calculations for Boilers 3, 4, 5, and 7 (these boilers do not have natural gas burners).

Emissions calculations in previous permits correspond with the production of 2.17 lb steam/lb bagasse for all boilers; however this is changed in all calculations for this permit modification. A value of 2.00 lb steam/lb bagasse, based on AP-42 [AP-42 1.8-4, 10/96] was used for Boilers No. 3 and 7. The AP-42 NO_x emission factor (1.20 lb NO_x per ton of bagasse) is used in emissions calculations for all boilers except Boilers No. 3 and 7.

This permit modification also incorporates stack test data from November 25, 2008 for Boiler No. 7. This stack test, conducted at 122,810 lb steam/hr, identified a NO_x emission rate (51.76 lb/hr) higher than the maximum lb/hr NO_x emissions in the current permit.

The boilers operate under a federally enforceable CAP, which will change with this modification. The total NO_x emission rate will increase from 207.99 tons per year to 220.94 tons per year. This change is necessary due to the aforementioned stack test that was conducted for Boiler No. 7.

Estimated emissions in tons per year are as follows:

| <u>Pollutant</u> | <u>Before</u> | <u>After</u> | <u>Change</u> |
|------------------|---------------|--------------|---------------|
| PM ₁₀ | 117.17 | 117.17 | -- |
| SO ₂ | 0.06 | 0.06 | -- |
| NO _x | 207.99 | 220.94 | + 12.95 |
| CO | 233.40 | 233.40 | -- |
| VOC | 15.85 | 15.85 | -- |
| HCl | 0.004 | 0.004 | -- |

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and Compliance Assurance Monitoring (CAM). Prevention of Significant Deterioration (PSD) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

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Sterling Sugars Inc
Agency Interest No.: 1304
Sterling Sugars Inc
Franklin, St. Mary Parish, Louisiana

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VIII. General Condition XVII Activities

None

**AIR PERMIT BRIEFING SHEET
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**Sterling Sugars Inc
Agency Interest No.: 1304
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Franklin, St. Mary Parish, Louisiana**

IX. Insignificant Activities

| ID No.: | Description | Citation |
|---------|-----------------------------------|------------------------|
| 8 | 8,096 gallon Caustic Soda Tank | LAC 33 III 501.B.5.A.3 |
| 9 | 3,049 gallon Caustic Soda Tank | LAC 33 III 501.B.5.A.3 |
| 10 | 17,887 gallon Dilute Caustic Tank | LAC 33 III 501.B.5.A.3 |
| 11 | 18,504 gallon Dilute Caustic Tank | LAC 33 III 501.B.5.A.3 |

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Sterling Sugars Inc
Agency Interest No.: 1304
Sterling Sugars Inc
Franklin, St. Mary Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

| ID No. | Description | LAC 33:III | | | | | | | | | | | | | | | | |
|---------------|--------------------------------|-------------------|----------|-----------|-----------|-----------|-------------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|-----------|------------|------------|-----------|
| | | 5▲ | 9 | 11 | 13 | 15 | 2103 | 2104* | 2107 | 2111 | 2113 | 2115 | 2116* | 2131 | 22 | 29* | 51* | 56 |
| EQT 3 | Facility Wide | 1 | 1 | | | | | | | | | | | 1 | 1 | | | 1 |
| EQT 4 | Boiler No. 1 | | 1 | 1 | | | | | | | | | | | | | | |
| EQT 5 | Boiler No. 2 | | | 1 | 1 | | | | | | | | | | | | | |
| EQT 6 | Boiler No. 3 | | | 1 | 1 | | | | | | | | | | | | | |
| EQT 7 | Boiler No. 4 | | | | 1 | 1 | | | | | | | | | | | | |
| EQT 8 | Boiler No. 5 | | | | 1 | 1 | | | | | | | | | | | | |
| EQT 9 | Boiler No. 6 | | | | 1 | 1 | | | | | | | | | | | | |
| EQT 10 | Hydrochloric Acid Storage Tank | | | | | | | | | | | | | 3 | | | | |
| EQT 11a | Gasoline Storage Tank | | | | | | | | | | | | | 1 | | | | |
| EQT 11b | Diesel Storage Tank | | | | | | | | | | | | | 3 | | | | |
| EQT 11c | Diesel Storage Tank | | | | | | | | | | | | | 3 | | | | |
| EQT 12 | Boiler No. 7 | | | | | | | | | | | | | 1 | 1 | 2 | | |
| GRP 2 | Boiler Emissions Cap | | | | | | | | | | | | | 1 | | | | |

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the “Specific Requirements” report specifically states that the regulation is State Only.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Sterling Sugars Inc
Agency Interest No.: 1304
Sterling Sugars Inc
Franklin, St. Mary Parish, Louisiana

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Sterling Sugars Inc
 Agency Interest No.: 1304
 Sterling Sugars Inc
 Franklin, St. Mary Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

| ID No. | Description | 40 CFR 60 | | | | 40 CFR 61 | | | | 40 CFR 63 | | | | 40 CFR Part 72 | | | | | | | | |
|----------------------|--------------------------------|-----------|---|----|----|-----------|----|----|----|-----------|-----|---|---|----------------|---|---|---|---|---|----|---|---|
| | | A | D | Db | Dc | K | Ka | Kb | GG | KKK | LLL | A | M | V | F | F | A | T | H | HH | H | |
| Facility Wide | | | | | | | | | | | | | | | | | | | | | | |
| EQT 3 | Boiler No. 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| EQT 4 | Boiler No. 2 | | | | | | | | | | | | | | | | | | | | | 1 |
| EQT 5 | Boiler No. 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| EQT 6 | Boiler No. 4 | | | | | | | | | | | | | | | | | | | | | 1 |
| EQT 7 | Boiler No. 5 | 1 | | | | | | | | | | | | | | | | | | | | 1 |
| EQT 8 | Boiler No. 6 | | | | | | | | | | | | | | | | | | | | | 1 |
| EQT 9 | Hydrochloric Acid Storage Tank | | | | | | | | | | | | | | | | | | | | | |
| EQT 10 | Gasoline Storage Tank | | | | | | | | | | | | | | | | | | | | | |
| EQT 11a | Diesel Storage Tank | | | | | | | | | | | | | | | | | | | | | |
| EQT 11b | Diesel Storage Tank | | | | | | | | | | | | | | | | | | | | | |
| EQT 11c | Diesel Storage Tank | | | | | | | | | | | | | | | | | | | | | |
| EQT 12 | Boiler No. 7 | 1 | | | | | | | | | | | | | | | | | | | | 1 |
| GRP 2 | Boiler Emissions Cap | | | | | | | | | | | | | | | | | | | | | |

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Sterling Sugars Inc
Agency Interest No.: 1304
Sterling Sugars Inc
Franklin, St. Mary Parish, Louisiana

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Sterling Sugars Inc
Agency Interest No.: 1304
Sterling Sugars Inc
Franklin, St. Mary Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

| | | |
|----------------------------------|---|---|
| EQT 3 – 6, 8 Boilers 1 – 4, 6 | Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60, Subpart Db] | DOES NOT APPLY. No construction, modification, or reconstruction after 6/19/84. |
| EQT 7 Boiler 5 | Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60, Subpart Db] | DOES NOT APPLY. Heat capacity from fuels combusted in the boiler is less than 100 million BTU/hr. Boiler is subject to 40 CFR 60 Subpart Dc |
| EQT 3-8, 12 (All Boilers) | Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.Chapter 15] | DOES NOT APPLY. Sources have the potential to emit less than 5 tons per year of sulfur dioxide. |
| EQT 9 HCl Storage Tank | Control of Emission of Organic Compounds [LAC 33:III.2131.A] | EXEMPT. Facilities with throughput < 500,000 gallons per year are exempted from installing vapor recovery systems for displaced vapors. |
| EQT11 Diesel Storage Tank | Standards of Performance for Storage Vessels of Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978. [40 CFR 60, Subpart K] | DOES NOT APPLY. Stored liquid does not meet definition of petroleum liquid per § 60.111 (b). |
| EQT11 Diesel Storage Tank | Control of Emission of Organic Compounds [LAC 33:III.2131.A] | DOES NOT APPLY. True vapor pressure is < 1.5 psia. |

The above table provides explanation for either the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 1304 Sterling Sugars Inc
 Activity Number: PER20090001
 Permit Number: 2660-00001-V3
 Air - Title V Regular Permit Minor Mod

| Also Known As: | ID | Name | User Group | Start Date |
|-------------------------|-----------------|---|------------------------------|--------------------------------------|
| | 2660-00001 | Sterling Sugars Inc | CDS Number | 08-05-2002 |
| | 72-0327950 | Federal Tax ID | Federal Tax ID | 12-05-2000 |
| LAD985227693 | LA0001287 | Sterling Sugars Inc | Hazardous Waste Notification | 06-01-1993 |
| WP2022 | LA-4665-L01 | LPDES # | LPDES Permit # | 05-22-2003 |
| | 14366 | LWDPS # | LWDPS Permit # | 06-25-2003 |
| | 38902 | Radioactive Material License | Radiation License Number | 05-12-1997 |
| | 68838 | Sterling Sugars Inc | TEMPO Merge | 02-04-2001 |
| | 70538STRLNSTERL | Sterling Sugars Inc | TEMPO Merge | 05-02-2001 |
| | 51012969 | TRI # | TEMPO Merge | 01-24-2001 |
| | | UST Facility ID (from UST legacy data) | Toxic Release Inventory | 07-08-2004 |
| | | | UST FID # | 10-12-2002 |
| Physical Location: | | 609 Irish Bend Rd Franklin, LA 70538 | Main FAX: Main Phone: | 3378281157 3378280620 |
| Mailing Address: | | 611 Irish Bend Rd Franklin, LA 70538 | | |
| Location of Front Gate: | | 29.803431 latitude, -91.491281 longitude, Coordinate Method: Lat\Long. - DMS, Coordinate Datum: NAD83 | | |
| Related People: | Name | Mailing Address | Phone (Type) | Relationship |
| | Luis Acevedo | 611 Irish Bend Rd Franklin, LA 70538 | 3188280623 (WP) | Underground Storage Tank Contact for |
| | Luis Acevedo | 611 Irish Bend Rd Franklin, LA 70538 | 3188280623 (WP) | Air Permit Contact For |
| | Luis Acevedo | 611 Irish Bend Rd Franklin, LA 70538 | 3188280623 (WP) | Water Permit Contact For |
| Danny King | Danny King | 611 Irish Bend Rd Franklin, LA 70538 | djrange@sterlingsug | Billing Party for |
| Danny King | Danny King | 611 Irish Bend Rd Franklin, LA 70538 | 3378280620 (WP) | Radiation Safety Officer for |
| Danny King | Danny King | 611 Irish Bend Rd Franklin, LA 70538 | 3378281157 (WF) | Radiation Safety Officer for |
| Danny King | Danny King | 611 Irish Bend Rd Franklin, LA 70538 | 3378280620 (WP) | Billing Party for |
| Danny King | Danny King | 611 Irish Bend Rd Franklin, LA 70538 | djrange@sterlingsug | Radiation Safety Officer for |
| Danny King | Danny King | 611 Irish Bend Rd Franklin, LA 70538 | 3378281157 (WF) | Billing Party for |
| Rivers Patout | Rivers Patout | 611 Irish Bend Rd Franklin, LA 70538 | 3378280620 (WP) | Emission Inventory Contact for |
| Rivers Patout | Rivers Patout | 611 Irish Bend Rd Franklin, LA 70538 | tsolleau@sterlingsug | Emission Inventory Contact for |
| Rivers Patout | Rivers Patout | 611 Irish Bend Rd Franklin, LA 70538 | 3378280620 (WP) | Responsible Official for |
| Tim Soileau | Tim Soileau | 611 Irish Bend Rd Franklin, LA 70538 | 3378280620 (WP) | Responsible Official for |
| Tim Soileau | Tim Soileau | 611 Irish Bend Rd Franklin, LA 70538 | TSOLEAU@STERL | Emission Inventory Contact for |
| | | | 3378280620 (WP) | Emission Inventory Contact for |

General Information

AI ID: 1304 Sterling Sugars Inc
Activity Number: PER20090001
Permit Number: 2660-000001-V3
Air - Title V Regular Permit Minor Mod

| Related Organizations: | Name | Address | Phone (Type) | Relationship |
|------------------------|--------------------------------------|-----------------|-------------------------------------|--------------|
| Sterling Sugars Inc | 611 Irish Bend Rd Franklin, LA 70539 | 3188280623 (WP) | Operates | |
| Sterling Sugars Inc | 611 Irish Bend Rd Franklin, LA 70539 | 3188280623 (WP) | Owns | |
| Sterling Sugars Inc | 611 Irish Bend Rd Franklin, LA 70539 | 3188280623 (WP) | Water Billing Party for | |
| Sterling Sugars Inc | 611 Irish Bend Rd Franklin, LA 70539 | 3188280623 (WP) | Emission Inventory Billing Party | |
| Sterling Sugars Inc | 611 Irish Bend Rd Franklin, LA 70539 | 3188280623 (WP) | Radiation License Billing Party for | |
| Sterling Sugars Inc | 611 Irish Bend Rd Franklin, LA 70539 | 3188280623 (WP) | UST Billing Party for | |
| Sterling Sugars Inc | 611 Irish Bend Rd Franklin, LA 70539 | 3188280623 (WP) | Air Billing Party for | |

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 1304 - Sterling Sugars Inc
 Activity Number: PER20090001
 Permit Number: 2660-00001-V3
 Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

| ID | Description | Tank Volume | Max. Operating Rate | Normal Operating Rate | Contents | Operating Time |
|-----------------------------------|-----------------------------|---------------|---------------------|-----------------------|----------|----------------|
| Sterling Raw Sugar Factory | | | | | | |
| EQT 0003 | 1-76 - Bagasse Boiler No. 1 | | 175 MM BTU/hr | | Steam | 2520 hr/yr |
| EQT 0004 | 2 - Bagasse Boiler No. 2 | | 175 MM BTU/hr | | Steam | 2520 hr/yr |
| EQT 0005 | 1-77 - Bagasse Boiler No. 3 | | 175 MM BTU/hr | | Steam | 2520 hr/yr |
| EQT 0006 | 4 - Bagasse Boiler No. 4 | | 79.4 MM BTU/hr | | Steam | 2520 hr/yr |
| EQT 0007 | 5 - Bagasse Boiler No. 5 | | 79.4 MM BTU/hr | | Steam | 2520 hr/yr |
| EQT 0008 | 6 - Bagasse Boiler No. 6 | | 175 MM BTU/hr | | Steam | 2520 hr/yr |
| EQT 0009 | HCl Tank - HCl Tank | 2499 gallons | | | | 8760 hr/yr |
| EQT 0010 | 13 - Gasoline Tank | 1000 gallons | | | | 8760 hr/yr |
| EQT 0011 | 11a - Diesel Tank | 12000 gallons | | | | 8760 hr/yr |
| EQT 0012 | 7 - Boiler No. 7 | | 262.5 MM BTU/hr | | Steam | 2520 hr/yr |
| EQT 0013 | 11b - Diesel Tank | 12000 gallons | | | | 8760 hr/yr |
| EQT 0014 | 11c - Diesel Tank | 12000 gallons | | | | 8760 hr/yr |

Stack Information:

| ID | Description | Velocity (ft/sec) | Flow Rate (cubic ft/min-actual) | Diameter (feet) | Discharge Area (square feet) | Height (feet) | Temperature (oF) |
|-----------------------------------|-----------------------------|-------------------|---------------------------------|-----------------|------------------------------|---------------|------------------|
| Sterling Raw Sugar Factory | | | | | | | |
| EQT 0003 | 1-76 - Bagasse Boiler No. 1 | 25.08 | 57877 | 7 | | 76 | 160 |
| EQT 0004 | 2 - Bagasse Boiler No. 2 | 25.08 | 57877 | 7 | | 76 | 160 |
| EQT 0005 | 1-77 - Bagasse Boiler No. 3 | 25.08 | 57877 | 7 | | 76 | 160 |
| EQT 0006 | 4 - Bagasse Boiler No. 4 | 18.44 | 26259 | 5.5 | | 103.25 | 160 |
| EQT 0007 | 5 - Bagasse Boiler No. 5 | 11.38 | 26259 | 7 | | 76 | 160 |
| EQT 0008 | 6 - Bagasse Boiler No. 6 | 15.17 | 57877 | 9 | | 76 | 160 |
| EQT 0012 | 7 - Boiler No. 7 | 37.6 | 86815 | 7 | | 76 | 160 |

Relationships:**Subject Item Groups:**

| ID | Group Type | Group Description | Member of Groups |
|----------|-----------------------|------------------------------|------------------|
| GRP 0002 | Equipment Group | - Boiler Fuel Usage Cap | GRP0000000002 |
| UNF 0001 | Unit or Facility Wide | - Sterling Raw Sugar Factory | GRP0000000002 |

Group Membership:

| ID | Description |
|----------|-----------------------------|
| EQT 0003 | 1-76 - Bagasse Boiler No. 1 |
| EQT 0004 | 2 - Bagasse Boiler No. 2 |

INVENTORIES

AI ID: 1304 - Sterling Sugars Inc
Activity Number: PER20090001
Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

Group Membership:

| ID | Description | Member of Groups |
|----------|----------------------------|------------------|
| EQT 0005 | 1-77 - Bagasse Boiler No.3 | GRP0000000002 |
| EQT 0006 | 4 - Bagasse Boiler No.4 | GRP0000000002 |
| EQT 0007 | 5 - Bagasse Boiler No.5 | GRP0000000002 |
| EQT 0008 | 6 - Bagasse Boiler No.6 | GRP0000000002 |
| EQT 0012 | 7 - Boiler No. 7 | GRP0000000002 |

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

| Fee Number | Air Contaminant Source | Multiplier | Units Of Measure |
|------------|---------------------------------------|------------|------------------|
| 0120 | 0120 Cane Sugar, Except Refining Only | | |

SIC Codes:

| | | |
|------|----------------|---------|
| 2061 | Raw cane sugar | UNF 001 |
|------|----------------|---------|

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1304 - Sterling Sugars Inc
 Activity Number: PER20090001
 Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

| Subject Item | CO | | | NOx | | | PM10 | | | SO2 | | | VOC | | |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Avg lb/hr | Max lb/hr | Tons/Year |
| Sterling Raw Sugar Factory | | | | | | | | | | | | | | | |
| EQT 0003 1-76 | 40.10 | | 38.66 | | 19.51 | | 0.02 | | | | | | | | 2.67 |
| EQT 0004 2 | 40.10 | | 38.66 | | 19.52 | | 0.02 | | | | | | | | 2.67 |
| EQT 0005 1-77 | 37.50 | | 41.00 | | 19.50 | | <0.001 | | | | | | | | 2.50 |
| EQT 0006 4 | 17.01 | | 13.61 | | 8.84 | | <0.001 | | | | | | | | 1.13 |
| EQT 0007 5 | 17.01 | | 13.61 | | 8.84 | | <0.001 | | | | | | | | 1.13 |
| EQT 0008 6 | 38.97 | | 34.90 | | 19.51 | | 0.01 | | | | | | | | 2.60 |
| EQT 0010 13 | | | | | | | | | | | | | | 0.03 | 0.03 |
| EQT 0011 11a | | | | | | | | | | | | | | 0.013 | 0.013 |
| EQT 0012 7 | 56.25 | | 63.38 | | 29.25 | | <0.001 | | | | | | | | 3.75 |
| EQT 0013 11b | | | | | | | | | | | | | | 0.013 | 0.013 |
| EQT 0014 11c | | | | | | | | | | | | | | 0.013 | 0.013 |
| GRP 0002 | 185.24 | | 233.40 | 175.35 | 220.94 | 92.99 | 117.17 | 0.05 | 0.06 | 12.34 | | | | | 15.55 |

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1304 - Sterling Sugars Inc

Activity Number: PER20090001

Permit Number: 2660-00001-V3

Air - Title V Regular Permit Minor Mod

| Emission Pt. | Pollutant | Avg lb/hr | Max lb/hr | Tons/Year |
|----------------------|-------------------|-----------|-----------|-----------|
| EQT 0009 HCl Tank | Hydrochloric acid | 0.001 | 0.07 | 0.004 |
| UNF 0001 | Hydrochloric acid | | | 0.004 |

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 1304 - Sterling Sugars Inc
 Activity Number: PER20090001
 Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

EQT 0003 1-76 - Bagasse Boiler No.1

- 1 [40 CFR 64.3(b)(3)] Specific QA/QC Procedures: Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.3(b)(3)]
- 2 [40 CFR 64.6(c)(1)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. [40 CFR 64.6(c)(1)] Which Months: All Year Statistical Basis: None specified
- 3 [40 CFR 64.6(c)(2)] Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)] An excursion or exceedance is defined as Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9. An excursion is also any missed daily opacity reading that is not due to weather conditions. An excursion or exceedance is also defined as scrubber water pressure outside of the established limitations. [40 CFR 64.6(c)(2)]
- 4 [40 CFR 64.6(c)(2)] Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]
- 5 [40 CFR 64.6(c)(4)] Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the centrifugal collector and associated wet scrubber control system. [40 CFR 64.7(c)]
- 6 [40 CFR 64.7(c)] Submit written notification: Due to the Office of Environmental Compliance within 30 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 7 [40 CFR 64.7(e)] Threshold Limit: A Threshold limit is defined as six excursions or exceedances of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- 8 [40 CFR 64.8(a)] Opacity Monitoring data recordkeeping by logbook at the approved frequency. Maintain records of observer logbooks for a period of at least five years. [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by logbook as needed. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 9 [40 CFR 64.9(b)(1)] Scrubber Water Pressure monitored by pressure instrument once every four hours. Which Months: All Year Statistical Basis: None specified
- 10 [40 CFR 64.9(b)(1)] Scrubber Water Pressure recordkeeping by electronic or hard copy once every four hours. Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- 11 [40 CFR 64.]
- 12 [40 CFR 64.]
- 13 [40 CFR 64.]

SPECIFIC REQUIREMENTS

AI ID: 1304 - Sterling Sugars Inc
Activity Number: PER20090001
Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

EQT 0003 1-76 - Bagasse Boiler No.1

- 14 [40 CFR 64.] Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 15 [40 CFR 64.] Scrubber Water Pressure ≥ 25 and ≤ 100 psig.
- 16 [40 CFR 64.] Which Months: All Year Statistical Basis: None specified Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
- 17 [LAC 33:III.1101.B] Which Months: All Year Statistical Basis: None specified Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity **in excess** of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 18 [LAC 33:III.1313.C] Which Months: All Year Statistical Basis: None specified Total suspended particulate ≤ 0.6 lb/MMBTU of heat input (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU.).
- 19 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified Particulate matter (10 microns or less) $\geq 95\%$ removal efficiency per vendor guarantee.
- 20 [40 CFR 64.3(b)(3)] Which Months: All Year Statistical Basis: None specified Specific QA/QC Procedures: Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9.
- 21 [40 CFR 64.6(c)(1)] [40 CFR 64.3(b)(3)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. [40 CFR 64.6(c)(1)]
- 22 [40 CFR 64.6(c)(2)] Which Months: All Year Statistical Basis: None specified Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- 23 [40 CFR 64.6(c)(2)] An excursion or exceedance is defined as Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9. An excursion is also any missed daily opacity reading that is not due to weather conditions. An excursion or exceedance is also defined as scrubber water pressure outside of the established limitations. [40 CFR 64.6(c)(2)]
- 24 [40 CFR 64.6(c)(4)] Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]
- 25 [40 CFR 64.7(c)] Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during **all** other periods in assessing the operation of the centrifugal collector and associated wet scrubber control system. [40 CFR 64.7(c)]

EQT 0004 2 - Bagasse Boiler No.2

- 20 [40 CFR 64.3(b)(3)]
- 21 [40 CFR 64.6(c)(1)]
- 22 [40 CFR 64.6(c)(2)]
- 23 [40 CFR 64.6(c)(2)]
- 24 [40 CFR 64.6(c)(4)]
- 25 [40 CFR 64.7(c)]
- [40 CFR 64.3(b)(3)]
- Which Months: All Year Statistical Basis: None specified
- Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- An excursion or exceedance is defined as Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9. An excursion is also any missed daily opacity reading that is not due to weather conditions. An excursion or exceedance is also defined as scrubber water pressure outside of the established limitations. [40 CFR 64.6(c)(2)]
- Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]
- Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during **all** other periods in assessing the operation of the centrifugal collector and associated wet scrubber control system. [40 CFR 64.7(c)]

SPECIFIC REQUIREMENTS

AI ID: 1304 - Sterling Sugars Inc
 Activity Number: PER20090001
 Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

EQT 0004 2 - Bagasse Boiler No.2

- 26 [40 CFR 64.7(e)] Submit written notification: Due to the Office of Environmental Compliance within 30 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 27 [40 CFR 64.8(a)] Threshold Limit: A Threshold limit is defined as six excursions or exceedances of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- 28 [40 CFR 64.9(b)(1)] Opacity Monitoring data recordkeeping by logbook at the approved frequency. Maintain records of observer logbooks for a period of at least five years. [40 CFR 64.9(b)(1)]
- 29 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by logbook as needed. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 30 [40 CFR 64.] Scrubber Water Pressure recordkeeping by electronic or hard copy once every four hours.
- 31 [40 CFR 64.] Scrubber Water Pressure monitored by pressure instrument once every four hours.
- 32 [40 CFR 64.] Which Months: All Year Statistical Basis: None specified
- Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
- 33 [40 CFR 64.] Which Months: All Year Statistical Basis: None specified
- Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 34 [40 CFR 64.] Scrubber Water Pressure ≥ 25 and ≤ 100 psig.
- 35 [40 CFR 64.] Which Months: All Year Statistical Basis: None specified
- Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified.
- 36 [LAC 33:III.1101.B] Submit report to the Office of Environmental Compliance, Enforcement Division.
- 37 [LAC 33:III.1313.C] Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 38 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified
- Total suspended particulate ≤ 0.6 lb/MMBTU of heat input (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU.).
- Which Months: All Year Statistical Basis: None specified
- Particulate matter (10 microns or less) $\geq 95\%$ removal efficiency per vendor guarantee.
- Which Months: All Year Statistical Basis: Approved basis

SPECIFIC REQUIREMENTS

AI ID: 1304 - Sterling Sugars Inc
Activity Number: PER20090001
Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

EQT 0005 1-77 - Bagasse Boiler No.3

- 39 [40 CFR 64.3(b)(3)] Specific QA/QC Procedures: Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.3(b)(3)]
- 40 [40 CFR 64.6(c)(1)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. [40 CFR 64.6(c)(1)]
- 41 [40 CFR 64.6(c)(2)] Which Months: All Year Statistical Basis: None specified An excursion or exceedance is defined as Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9. An excursion is also any missed daily opacity reading that is not due to weather conditions. An excursion or exceedance is also defined as scrubber water pressure outside of the established limitations. [40 CFR 64.6(c)(2)]
- 42 [40 CFR 64.6(c)(2)] Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- 43 [40 CFR 64.6(c)(4)] Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]
- 44 [40 CFR 64.7(c)] Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33.III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the centrifugal collector and associated wet scrubber control system. [40 CFR 64.7(c)]
- 45 [40 CFR 64.7(e)] Submit written notification: Due to the Office of Environmental Compliance within 30 days upon identifying a failure to achieve compliance with the LAC 33.III.1101.B emission limitation or the LAC 33.III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 46 [40 CFR 64.8(a)] Threshold Limit: A Threshold limit is defined as six excursions or exceedances of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- 47 [40 CFR 64.9(b)(1)] Opacity Monitoring data recordkeeping by logbook at the approved frequency. Maintain records of observer logbooks for a period of at least five years. [40 CFR 64.9(b)(1)]
- 48 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by logbook as needed. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 49 [40 CFR 64.] Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- 50 [40 CFR 64.] Scrubber Water Pressure \geq 25 and \leq 100 psig.
Which Months: All Year Statistical Basis: None specified
- 51 [40 CFR 64.] Scrubber Water Pressure recordkeeping by electronic or hard copy once every four hours.

SPECIFIC REQUIREMENTS

AI ID: 1304 - Sterling Sugars Inc
 Activity Number: PER20090001
 Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

EQT 0005 1-77 - Bagasse Boiler No.3

- 52 [40 CFR 64.]
 Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
 Which Months: All Year Statistical Basis: None specified
- 53 [40 CFR 64.]
 Scrubber Water Pressure monitored by pressure instrument once every four hours.
 Which Months: All Year Statistical Basis: None specified
- 54 [40 CFR 64.]
 Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 55 [LAC 33:III.1101.B]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
- 56 [LAC 33:III.1313.C]
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU).)
 Which Months: All Year Statistical Basis: None specified
- 57 [LAC 33:III.501.C.6]
 Particulate matter (10 microns or less) >= 95 % removal efficiency per vendor guarantee.
 Which Months: All Year Statistical Basis: Approved basis

EQT 0006 4 - Bagasse Boiler No.4

- 58 [40 CFR 64.3(b)(3)]
 Specific QA/QC Procedures: Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.3(b)(3)]
- 59 [40 CFR 64.6(c)(1)]
 Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. [40 CFR 64.6(c)(1)]
- 60 [40 CFR 64.6(c)(2)]
 Which Months: All Year Statistical Basis: None specified
- 61 [40 CFR 64.6(c)(2)]
 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- 62 [40 CFR 64.6(c)(2)]
 An excursion or exceedance is defined as Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9. An excursion or exceedance is also any missed daily opacity reading that is not due to weather conditions. An excursion or exceedance is also defined as scrubber water pressure outside of the established limitations. [40 CFR 64.6(c)(2)]
- 63 [40 CFR 64.6(c)(4)]
 Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]
- 64 [40 CFR 64.6(c)(4)]
 Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the centrifugal collector and associated wet scrubber control system. [40 CFR 64.7(c)]

SPECIFIC REQUIREMENTS

AI ID: 1304 - Sterling Sugars Inc
Activity Number: PER20090001
Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

EQT 0006 4 - Bagasse Boiler No.4

- 64 [40 CFR 64.7(e)] Submit written notification: Due to the Office of Environmental Compliance within 30 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 65 [40 CFR 64.8(a)] Threshold Limit: A Threshold limit is defined as six excursions or exceedances of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- 66 [40 CFR 64.9(b)(1)] Opacity Monitoring data recordkeeping by logbook at the approved frequency. Maintain records of observer logbooks for a period of at least five years. [40 CFR 64.9(b)(1)]
- 67 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by logbook as needed. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 68 [40 CFR 64.] Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 69 [40 CFR 64.] Scrubber Water Pressure ≥ 40 and ≤ 100 psig. Which Months: All Year Statistical Basis: None specified
- 70 [40 CFR 64.] Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- 71 [40 CFR 64.] Scrubber Water Pressure recordkeeping by electronic or hard copy once every four hours.
- 72 [40 CFR 64.] Scrubber Water Pressure monitored by pressure instrument once every four hours. Which Months: All Year Statistical Basis: None specified
- 73 [40 CFR 64.] Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary. Which Months: All Year Statistical Basis: None specified
- 74 [LAC 33:III.1101.B] Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
- 75 [LAC 33:III.1313.C] Total suspended particulate ≤ 0.6 lb/MMBTU of heat input (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU.) Which Months: All Year Statistical Basis: None specified
- 76 [LAC 33:III.501.C.6] Particulate matter (10 microns or less) $\geq 95\%$ removal efficiency per vendor guarantee. Which Months: All Year Statistical Basis: Approved basis

SPECIFIC REQUIREMENTS

AI ID: 1304 - Sterling Sugars Inc
 Activity Number: PER20090001
 Permit Number: 2660-00001-V3
 Air - Title V Regular Permit Minor Mod

EQT 0006 4 - Bagasse Boiler No.4

77 [LAC 33:III.507.H.1.a]

Permittee shall install, operate and maintain continuous monitors for Boiler 4, to provide a continuous record of Oxygen in the stack gas. The oxygen monitors shall conform to the specifications of 40 CFR 60, Appendix B. Oxygen monitoring records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Concentrations of Oxygen in the stack for Boiler 4 shall be maintained at the minimum concentration established by the Initial Stack Test of Boiler 5 performed in November of 2001, to meet the Carbon Monoxide limit.

EQT 0007 5 - Bagasse Boiler No.5

78 [40 CFR 60.48c(a)]

Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)] Fuel rate recordkeeping by electronic or hard copy daily. Keep records of the amount of each fuel combusted during each day. Subpart Dc. [40 CFR 60.48c(g)]

79 [40 CFR 60.48c(g)]

Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)] Specific QA/QC Procedures: Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.3(b)(3)]

80 [40 CFR 60.48c(i)]

Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. [40 CFR 64.6(c)(1)] Which Months: All Year Statistical Basis: None specified

Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

An excursion or exceedance is defined as Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9. An excursion is also any missed daily opacity reading that is not due to weather conditions. An excursion or exceedance is also defined as scrubber water pressure outside of the established limitations. [40 CFR 64.6(c)(2)]

Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]

Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the centrifugal collector and associated wet scrubber control system. [40 CFR 64.7(c)]

Submit written notification. Due to the Office of Environmental Compliance within 30 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

87 [40 CFR 64.7(e)]

SPECIFIC REQUIREMENTS

AI ID: 1304 - Sterling Sugars Inc
Activity Number: PER20090001
Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

EQT 0007 5 - Bagasse Boiler No.5

- 88 [40 CFR 64.8(a)] Threshold Limit: A Threshold limit is defined as six excursions or exceedances of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- 89 [40 CFR 64.9(b)(1)] Opacity Monitoring data recordkeeping by logbook at the approved frequency. Maintain records of observer logbooks for a period of at least five years. [40 CFR 64.9(b)(1)]
- 90 [40 CFR 64.9(b)(1)] Monitoring data recordkeeping by logbook as needed. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 91 [40 CFR 64.] Scrubber Water Pressure monitored by pressure instrument once every four hours.
- Which Months: All Year Statistical Basis: None specified
- Scrubber Water Pressure recordkeeping by electronic or hard copy once every four hours.
- 92 [40 CFR 64.] Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 93 [40 CFR 64.] Scrubber Water Pressure ≥ 40 and ≤ 100 psig.
- Which Months: All Year Statistical Basis: None specified
- Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
- Which Months: All Year Statistical Basis: None specified
- Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- 94 [40 CFR 64.] Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
- Total suspended particulate ≤ 0.6 lb/MMBTU of heat input (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. (PM emission rate for bagasse is 0.11 lb/MM BTU.)
- 95 [40 CFR 64.] Which Months: All Year Statistical Basis: None specified
- Particulate matter (10 microns or less) $\geq 95\%$ removal efficiency per vendor guarantee.
- 96 [LAC 33:III.1101.B] Which Months: All Year Statistical Basis: Approved basis
- Permittee shall install, operate and maintain continuous monitors for Boiler 5, to provide a continuous record of Oxygen in the stack gas. The oxygen monitors shall conform to the specifications of 40 CFR 60, Appendix B. Oxygen monitoring records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Concentrations of Oxygen in the stack for Boiler 5 shall be maintained at the minimum concentration established by the Initial Stack Test of Boiler 5 performed in November of 2001, to meet the Carbon Monoxide limit.
- 97 [LAC 33:III.1101.B]
- 98 [LAC 33:III.1313.C]
- 99 [LAC 33:III.501.C.6]
- 100 [LAC 33:III.507.H.1.a]

SPECIFIC REQUIREMENTS

AI ID: 1304 - Sterling Sugars Inc
Activity Number: PER20090001
Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

EQT 0008 6 - Bagasse Boiler No.6

- Specific QA/QC Procedures: Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.3(b)(3)]
- Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily using a trained observer. [40 CFR 64.6(c)(1)]
 Which Months: All Year Statistical Basis: None specified
- Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- An excursion or exceedance is defined as Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9. An excursion is also any missed daily opacity reading that is not due to weather conditions. An excursion or exceedance is also defined as scrubber water pressure outside of the established limitations. [40 CFR 64.6(c)(2)]
- Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]
- Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the centrifugal collector and associated wet scrubber control system. [40 CFR 64.7(c)]
- Submit written notification: Due to the Office of Environmental Compliance within 30 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- Threshold Limit: A Threshold limit is defined as six excursions or exceedances of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- Opacity Monitoring data recordkeeping by logbook at the approved frequency. Maintain records of observer logbooks for a period of at least five years. [40 CFR 64.9(b)(1)]
- Monitoring data recordkeeping by logbook as needed. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- Scrubber Water Pressure monitored by pressure instrument once every four hours.
 Which Months: All Year Statistical Basis: None specified
- Scrubber Water Pressure >= 25 and <= 100 psig.
 Which Months: All Year Statistical Basis: None specified
- 111 [40 CFR 64.]
- 110 [40 CFR 64.9(b)(1)]
- 112 [40 CFR 64.]

SPECIFIC REQUIREMENTS

AID: 1304 - Sterling Sugars Inc
Activity Number: PER20090001
Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

EQT 0008 6 - Bagasse Boiler No.6

- 113 [40 CFR 64.]
 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- 114 [40 CFR 64.]
 Scrubber Water Pressure recordkeeping by electronic or hard copy once every four hours.
- 115 [40 CFR 64.]
 Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
- 116 [40 CFR 64.]
 Which Months: All Year Statistical Basis: None specified
 Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 117 [LAC 33:III.1101.B]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 118 [LAC 33:III.1313.C]
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel). (PM emission rate for bagasse is 0.11 lb/MM BTU.).
- 119 [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) >= 95 % removal efficiency per vendor guarantee.
 Which Months: All Year Statistical Basis: Approved basis

EQT 0012 7 - Boiler No. 7

- 120 [40 CFR 60.49b(a)]
 Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]
 Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
 Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
 Submit a report to DEQ containing the annual capacity factor over the previous 12 months, the average fuel nitrogen content during the reporting period if residual oil was fired, and all other applicable information per 40 CFR 60.49b(q)(1) through (q)(3). Subpart Db. [40 CFR 60.49b(q)]
 Specific QA/QC Procedures: Observer shall maintain certification by completing the semi-annual qualification procedure specified in Method 9. [40 CFR 64.3(b)(3)]
 Opacity monitored by 40 CFR 60. Appendix A, Method 9 daily using a trained observer. [40 CFR 64.6(c)(1)]
 Which Months: All Year Statistical Basis: None specified
 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

SPECIFIC REQUIREMENTS

AI ID: 1304 - Sterling Sugars Inc
Activity Number: PER20090001
Permit Number: 2660-00001-V3
Air - Title V Regular Permit Minor Mod

EQT 0012 7 - Boiler No. 7

- An excursion or exceedance is defined as Opacity > 20 percent verified by using 40 CFR 60 Appendix A Method 9. An excursion is also any missed daily opacity reading that is not due to weather conditions. An excursion or exceedance is also defined as the scrubber water pressure outside of the established limitations. [40 CFR 64.6(c)(2)]
- Opacity recordkeeping by manual logging upon measurement. Observations shall consist of 24 consecutive readings at 15 second intervals. The average of the 24 readings shall be the daily opacity record. [40 CFR 64.6(c)(4)]
- Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.1101.B). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the centrifugal collector and associated wet scrubber control system. [40 CFR 64.7(c)]
- Submit written notification: Due to the Office of Environmental Compliance within 30 days upon identifying a failure to achieve compliance with the LAC 33:III.1101.B emission limitation or the LAC 33:III.1313.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- Threshold Limit: A Threshold limit is defined as six excursions or exceedances of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- Opacity Monitoring data recordkeeping by logbook at the approved frequency. Maintain records of observer logbooks for a period of at least five years. [40 CFR 64.9(b)(1)]
- Monitoring data recordkeeping by logbook as needed. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- Scrubber Water Pressure monitored by pressure instrument once every four hours.
- Which Months: All Year Statistical Basis: None specified
- Scrubber Water Pressure ≥ 25 and < 100 psig.
- Which Months: All Year Statistical Basis: None specified
- Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
- Which Months: All Year Statistical Basis: None specified
- Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

SPECIFIC REQUIREMENTS

AI ID: **1304 - Sterling Sugars Inc**
 Activity Number: **PER20090001**
 Permit Number: **2660-00001-V3**
 Air - Title V Regular Permit Minor Mod

EQT 0012 7 - Boiler No. 7

139 [40 CFR 64.]

140 [LAC 33:III.1101.B]

Scrubber Water Pressure recordkeeping by electronic or hard copy once every four hours.

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using Bagasse as primary fuel and sweet natural gas as secondary fuel. CPM emission rate for bagasse is 0.11 lb/MM BTU.).

Which Months: All Year Statistical Basis: None specified
 Particulate matter (10 microns or less) >= 95 % removal efficiency per vendor guarantee.

Which Months: All Year Statistical Basis: Approved basis
 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.

Conduct a performance/emissions test: Due five years after (plus or minus 180 days) the previous performance test was performed. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. The Office of Environmental Assessment, Environmental Technology Division, Engineering Services Section has approved the following alternate stack test method: Approved portable analyzers will be allowed for NOx and CO testing provided an initial demonstration between the portable analyzer and reference analyzer shows the results are within 10% of results from reference method analyzers.

Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

GRP 0002 - Boiler Fuel Usage Cap

Group Members: EQT 0003EQT 0004EQT 0005EQT 0006EQT 0007EQT 0008EQT 0012

Bagasse: Throughput <= 300000 tons/yr. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: None specified
 Natural Gas: Throughput <= 200 MM ft^3/yr. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: None specified
 Natural Gas: Throughput monitored by technically sound method during loading.
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1304 - Sterling Sugars Inc
Activity Number: PER20090001
Permit Number: 2660-000001-V3
Air - Title V Regular Permit Minor Mod

GRP 0002 - Boiler Fuel Usage Cap

- 149 [LAC 33:III.507.H.1.a] Bagasse: Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total bagasse burned each month, as well as the total burned for the last twelve months.
- 150 [LAC 33:III.507.H.1.a] Submit report: Due annually, by the 31st of March. Report the natural gas burned for each month of the preceding calendar year, as well as the twelve consecutive month total for each month, to the Office of Environmental Compliance, Enforcement Division.
- Natural Gas: Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total natural gas burned each month, as well as the total burned for the last twelve months.
- 152 [LAC 33:III.507.H.1.a] Bagasse: Throughput monitored by technically sound method during loading.
- Which Months: All Year Statistical Basis: None specified
- Submit report: Due annually, by the 31st of March. Report the bagasse burned for each month of the preceding calendar year, as well as the twelve consecutive month total for each month, to the Office of Environmental Compliance, Enforcement Division.

UNF 0001 - Sterling Raw Sugar Factory

- 154 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
- Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- Outdoor burning of waste material or other combustible material is prohibited.
- Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- Permittee shall comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.